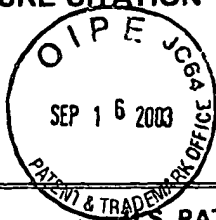


INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY. DOCKET NO.

100-8345D

APPLICATION NO.

~~10/021,117~~ 10/625,142

APPLICANT

FUENFSCHILLING ET AL.

FILING DATE

~~OCTOBER 28, 2004~~ 7/23/03

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
gr	AA	3,527,750	9/8/70	Karr			
	AB	3,573,275	3/30/71	Maehr et al			
	AC	4,081,354	3/28/78	Christman			
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	AE						
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FOREIGN PATENT DOCUMENTS

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	AP	1 521 457	8/16/78	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	2 215 631	9/27/89	UK			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

gr	AR	Prochazka, et al., Chem. Engineer. Science, Vol. 31, pp. 179-186 (1976).
gr	AS	Lo and Baird, Encyc of Chem. Tech., 4 <sup>th</sup> ed., Vol. 10, pp. 125-180, J. Wiley & Sons, 1979
	AT	

EXAMINER

DATE CONSIDERED

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ATTY. DOCKET NO.  
100-8345D  
APPLICATION NO.  
~~40/024,117~~  
APPLICANT  
FUENFSCHILLING ET AL.  
FILING DATE  
~~OCTOBER 23, 2001~~

FOREIGN PATENT DOCUMENTS

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FORM PTO-1449  
(REV. 7-85)

INFORMATION DISCLOSURE CITATION

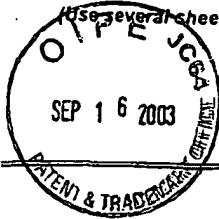
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Sheet 1 of 2

ATTY. DOCKET NO.  
100-8345/A/CONT  
APPLICATION NO.

APPLICANT  
FUENFSCHILLING ET AL.  
FILING DATE

Group  
1611



10/625,142  
7/23/03

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
✓	AA	3,503,950	3/31/70	Li	260	112	
	AB	3,671,647	6/20/72	Argoudelis et al.	260	210R	
	AC	3,743,633	7/3/73	Goerlich et al.	260	210.5	
	AD	3,804,594	4/16/74	Orjans et al.	23	270.5	
	AE	4,016,258	4/5/77	Said et al.	424	177	
	AF	4,203,956	5/20/80	Schröter et al.	423	321	
	AG	4,271,128	6/2/81	Schrödter et al.	422	189	
	AH	4,328,214	5/4/82	Rink et al.	424	177	
	AI	4,753,734	6/28/88	Ito	210	657	
	AJ	4,913,814	4/3/90	Singh et al.	210	512.2	
	AK	4,954,260	9/4/90	Ludmer et al.	210	634	
✓	AL	5,709,797	1/98	Bocchiola	210	635	

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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EXAMINER

DATE CONSIDERED

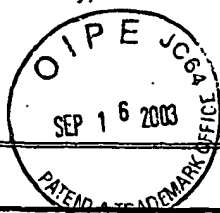
\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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Sheet 2 of 2

ATTY. DOCKET NO.  
100-8345/A/CONT  
APPLICATION NO.  
~~00-23,072~~  
APPLICANT  
FUENFSCHILLING ET AL  
FILING DATE  
MARCH 18, 1999

Group  
1611

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>[initials]</i>	AA	3,244,592	4/1/66	Aral	167	65	
	AB	5,382,655	1/1/95	Szanya et al.	530	317	
	AC	5,591,438	1/1/97	Olson et al.	424	195.1	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

<i>[initials]</i>	AR	Vogel, Text book of Practical Organic Chem., Longman, 4th Edition, 1978, (pp. 211, 217, 219, 220) from Experimental Techniques
	AS	
	AT	

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DATE CONSIDERED

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# Notice of References Cited

SEP 16 2003

Application/Control No.

09/652,295

Applicant(s)/Patent Under  
Reexamination  
FUENFSCHILLING ET AL.

Examiner

Thomas McKenzie Ph.D.

Art Unit

1624

Page 1 of 1

## U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YY	Name	Classification
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## FOREIGN PATENT DOCUMENTS

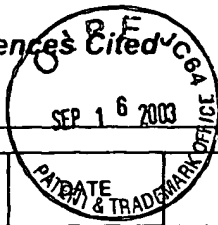
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PR	N	96/12031 A1	04-1996	WO	Kim et al	
PR	O	95/32726 A1	12-1995	WO	Kim et al	
	P					
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	S					
	T					

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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Steven M. Reid

Applicant(s)/Patent Under Reexamination  
FUENFSCHILLING ET AL.

Art Unit

1624

Page 1 of 1

## U.S. PATENT DOCUMENTS

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\*\*APS encompasses any electronic search i.e. text, image, and Commercial Databases.

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PTO-892 (Rev. 03-98)

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Reexamination  
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1624

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SEP 16 2003

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## FOREIGN PATENT DOCUMENTS

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